



Dishwasher
DW12S
User instructions



Code: 012050

Safety Is Very Important

Carefully read the instructions contained in this manual, as it provides information that is essential to safe and proper installation, use and maintenance of this appliance.

 This appliance complies with the following EEC directives:

-73/23/EEC of 19/02/73(Low Voltage)and subsequent modifications;

- 89/336/EEC of 03/05/89 (Electromagnetic Compatibility) and subsequent modifications.

- Carefully remove and dispose of the packing material.
- Check to make sure that the appliance is not damaged. If in doubt, contact the retailer it was purchased from.
- This dishwasher is designed for washing household dishes and cooking utensils.
- Do not install this appliance outdoors, even if a roof covers the area.
- Do not lean or sit on the door when it is open, as it may overturn the dishwasher.
- Do not touch the heating element during or after a wash cycle.
- If the appliance malfunctions, turn off water supply to the appliance and disconnect the plug from the wall socket and refer to the section entitled, "Troubleshooting". If you cannot solve the problem, contact an authorised service centre/agent.
- Only selected service centres/agents are authorised to make repairs.

- If the supply cord is damaged ,it must be replaced by the manufacture, a service agent or similar qualified persons in order to avoid a hazard.

- The appliance is not instruct for use of young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

- Dishwasher detergents are strongly alkaline. They can be extremely dangerous if swallowed. Avoid contact with the skin and eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.

- Do not use extension cords or multiple sockets.

- The plug must be accessible after installation.

- During installation the power cord must not be bent or flattened excessively.

- If the appliance is not operating properly,disconnect the appliance from the power supply.

Warning: Dishwasher detergents can be extremely dangerous if swallowed. Avoid contact with skin, eyes and keep children away from the dishwasher when the door is open. Check that the detergent receptacle is empty after completion of the wash cycle.

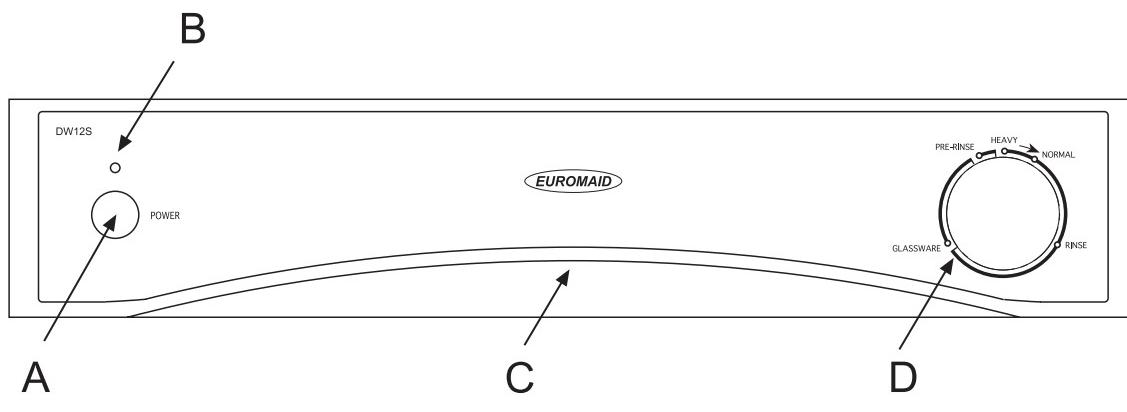
To maintain the EFFICIENCY and SAFETY of this appliance:

- Only call a authorised service centre.

- Always use original Spare Parts.

- Children and infirm must be supervised at all times during use of the dishwasher by an adult.

Close-up View (Control Panel)



A Power Button

B Power Light

C Handle For Opening Door

D Dial For Selecting Cycle

Close-up View (Interior)



- | | | | |
|---|----------------------|---|-----------------------------------|
| A | Upper Rack | E | Bottom Spray Arm |
| B | Rack Height Adjustor | F | Washing Filter |
| C | Top Spray Arm | G | Detergent and Rinse Aid Dispenser |
| D | Lower Rack | | |

Technical Characteristics

Width	60 cm
Depth	60 cm
Height	85 cm
Capacity	12 standard place settings
Mains water pressure	0.03-0.6 MPa
Power voltage	220-240V~ 50Hz
Total absorber power	2100W

Detergent and Rinse Aid... ...

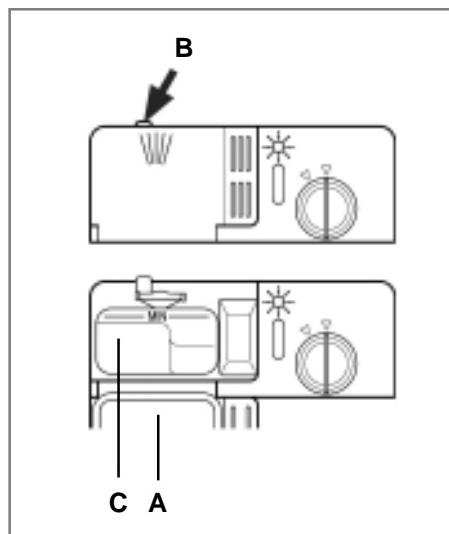
Detergent

Detergent specifically intended for use with dishwashers must be used. The dispenser must be refilled before the start of each wash cycle following the instructions provided in the "Wash Cycle Table." The detergent dispenser is located on the inside panel of the door.

Loading the detergent

To open the "A" cover on the dispenser, press the "B" button. The detergent for the wash cycle should be poured into the "C" compartment.

After the detergent has been placed in the dispenser, close the cover and press down until it clicks in place.



NOTE: Remove excess detergent from the edges of the dispenser before closing the lid.

Rinse Aid

This product makes dishes sparkle and helps them to dry without spotting. The dispenser is located on the inside panel of the door and should be filled after every 80 wash cycle (or when the rinse aid indicator light comes on for models with this feature).

Loading the Rinse Aid

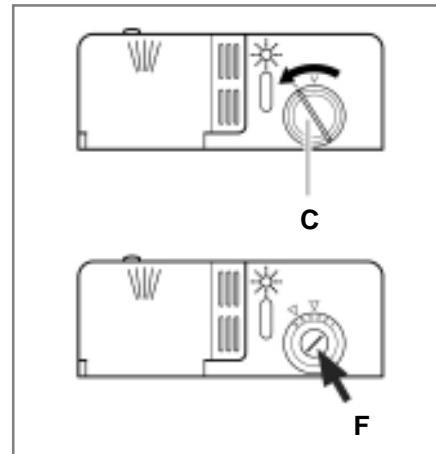
To open the dispenser, turn the "C" cap in an anti-clockwise direction and then pour in the rinse aid, making sure not to overfill. The amount of rinse aid used for each cycle, turn the dosage adjuster "F", beneath the cap, with a screwdriver. There are 6 different settings; the normal dosage setting is 1.

Important

Proper dosage of the rinse aid improves drying.

If drops of water remain on the dishes or spotting occurs, the dosage adjuster should be turned to a higher setting.

If the dishes have white streaks, turn the dosage adjuster to a lower setting.



Loading the Dishwasher

Before placing the dishes in the dishwasher, remove the larger food particles to prevent the filter from becoming clogged.

If the pots and pans have baked-on food that is extremely hard to remove, we recommend they are soaked before washing. This will eliminate the need for extra wash cycles.

Pull out the rack to load the dishwasher.

The lower rack

Place the most difficult to clean items on the bottom rack: pots, pans, lids, serving dishes and bowls.

It is preferable to place serving dishes and lids on the sides of the racks in order to avoid blocking the rotation of the top spray arm.

- Pots, serving bowls, etc. must always be placed face down.
- Deep pots should be tilted to allow the water to flow out.

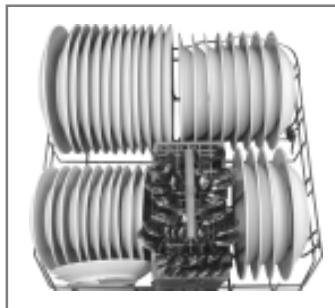
The upper rack

The upper rack is designed to hold more delicate and lighter dishes, such as glasses, cups and saucers, plates and small bowls.

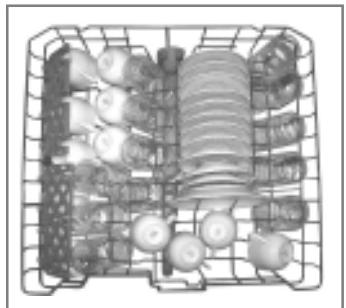
- Position the dishes so that they do not move by the spray of the water.

To adjust the height of the upper rack, rotate the caps located on the end of the rack guide rails to the side, remove the rack-completely and refit using the alternate set of wheels (see fig.B). Adjust the upper basket to the higher level to allow more height in the bottom basket for large items.

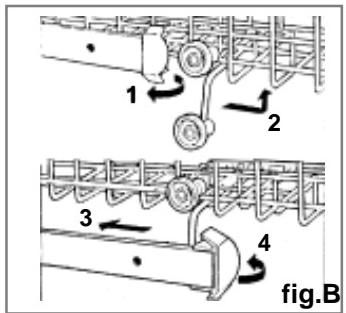
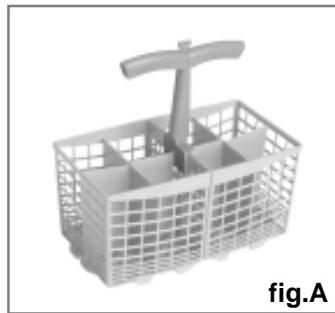
Lower Rack



Upper Rack



Load for 12 Standard Settings



Turning on the Appliance

Starting a wash cycle…

- Make sure that the appliance is plugged in and switched on.
- Make sure that the water supply is turned on.
- Load the detergent (see the section entitled, "Detergent and Rinse Aid" on page 3).
- Turn the timer dial located on the right of the control panel in a clockwise direction until it points to the number or symbol of the cycle required (see the section entitled, "Wash Cycle chart" on page 7).
- Press the **Power** button, the **Power** light will turn on and the wash cycle will begin.

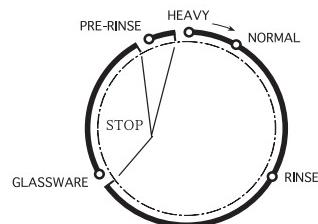
If you forgot to load some of the dishes…

The wash cycle can be paused by pressing the **Power** button. You can then load additional dishes and turn the appliance back on. The cycle will continue from where it left off.

At the end of the wash cycle…

When the dial stops turning and is pointing to a STOP mark (see fig), the cycle has finished. Turn the appliance off using the **Power** button, turn off the water supply and open the door of the dishwasher.

Wait a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better.



Cancelling or changing a wash cycle setting…

A cycle that is underway can only be changed if it has been running for a short time. Otherwise, the detergent may have already been used and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the paragraph entitled, "Loading the Detergent" on page 3).

Press the **Power** button, and the on light will turn off. Rotate the dial in a clockwise direction to the desired cycle setting (see the section entitled: Starting a wash cycle…"). Then, turn the dishwasher back on using the **Power** button.

Energy Saving Tips

- It is important to try and run the dishwasher when it is fully loaded to save on energy.
- Rather than run a full cycle for a half load, you can run the Pre-rinse cycle which will prevent odours from forming and food from caking onto the dishes.
- Choose the right wash cycle: the choice of cycle depends on the type of dishware, cookware and utensils being washed and how dirty they are.
- Use the right amount of detergent: if you use too much detergent, the result will not be cleaner dishes, but, rather, a greater negative impact on the environment.

How to Keep Your Dishwasher in Shape

After Every Wash

After every wash, turn off the water supply to the appliance and leave the door slightly ajar so that moisture and odors are not trapped inside.

Remove the Plug

Before cleaning or performing maintenance, always remove the plug from the socket.

Solvents or Abrasive Cleaning Products

Do not use solvents or abrasive cleaning products to clean the exterior and rubber parts of the dishwasher, use only a cloth and warm soapy water.

To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little white vinegar, or a cleaning product made specifically for dishwashers.

Moving the Appliance

If the appliance must be moved, try to keep it in the vertical position. If absolutely necessary, it can be laid on its back.

DO NOT LAY THE MACHINE ON ITS RIGHT HAND SIDE

Seals

One of the reasons that odours form in the dishwasher is that food get trapped in the seals. Periodic cleaning with a sponge will prevent this.

When You Go on Holiday

When you go on holiday, it is recommended that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly ajar. This will help the seals last longer and prevent odours from forming.

Wash Cycle Table

<u>CYCLE</u>	<u>TYPE OF LOAD</u>	<u>DESCRIPTION OF CYCLE</u>	<u>DETER-GENT</u>	<u>RINSE AID</u>
<u>Heavy</u>	Very dirty dishes, pots and pans. (Not to be used with delicate items).	Cold pre-wash. Cold rinse. Extended 50°C wash. Hot rinse. Drying.	30g	★
<u>Normal</u> (AS/NZS 2007)	Normally load of dirty dishes, pots and pans. Standard daily cycle.	Cold rinse. Extended 50°C wash. Hot rinse. Drying.	5+25g	★ (5)
<u>Rinse</u>	For dishes that only require a rinse and dry.	Hot rinse. Drying.		★
<u>Glassware</u>	Economic cycle for delicate items. Run immediately after dishes are used.	Wash at 50°C. Hot Rinse. Drying.	15g	★
<u>Pre-Rinse</u>	Pre-rinse of dishes while waiting for a full load.	Short cold rinse to prevent food residue from drying on the dishes.		

Cleaning and Special Maintenance

Filter Assembly

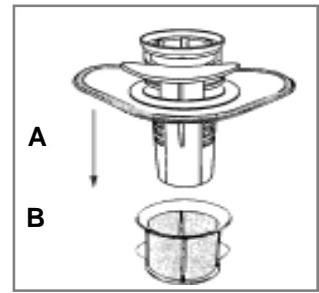
For the best performance and results, the filter assembly must be kept clean.

The filter removes food particles from the wash water, allowing the water to be recirculated during the cycle. For this reason, it is a good idea to remove any food particles trapped in the filter after each wash cycle by rinsing the semi-circular filter and cup ("A") under running water. To remove the filter assembly, pull the handle in an upward direction. The entire filter assembly (made up of the semicircular filter "A" and the fine filter "B") should be cleaned at least once a month use a soft brush. To reassemble, insert the entire assembly into the dishwasher, locate it correctly in its seat and pressing downward.

The dishwasher must not be used without the filters. Improper replacement of the filters may reduce the performance of the appliance.

Cleaning the Spray Arms

Food particles may become encrusted on the spray arms and block the hole (see "Close up view [interior]" on page 3, letters C-E). Check the spray arms periodically and clean them when needed.



Cleaning the Water Inlet Filter

Clean the water inlet filter located in the inlet hose where it screws onto the tap.

- Turn off the water tap, unscrew the hose, remove the filter and clean it carefully under running water. Then refit the filter and tighten the hose back into position on the tap.

Troubleshooting

If the dishwasher does not function or does not function correctly, check the following before calling for assistance.

The Dishwasher Does Not Start

- Is the plug pushed into the socket correctly?
- Is the power on in the house?
- Is the door closed properly?
- Is the **Power** switch "ON"?
- Is the water supply turned on?

The Dishwasher Does Not Fill with Water

Have you checked whether:

- the water is turned on and the hose is connected properly;
- the water supply to the houses on and has sufficient pressure;
- the water supply hose is crimped or bent;
- the filter for the water supply hose is clogged.

The Dishwasher Does Not Drain

- Is the drain hose kinked or bent?

The Dishes Are Not Clean

- Is the drain hose kinked or bent?
- Has the detergent been dispensed?
- Are the spray arm holes blocked?
- Are the spray arms rotating?

Lime Deposits or a White Film Form on the Dishes

- Is the rinse aid dosage is correct?

If, despite all these checks, the dishwasher still does not function and/or the problem persists, contact your nearest authorised service centre and provide them with the following information:

- The nature of the problem;
- The model number (Mod...) and the serial number (S/N...), which are located on the side of the inner part of the door.

Installation

Positioning the Appliance

Position the appliance in the desired location. The dishwasher is equipped with water supply and drain hoses that can be positioned to the right or left to allow correct installation.

Levelling the Appliance

Once the appliance is positioned, adjust the feet by screwing them in or out. The appliance should not be inclined more than 2 degrees, to ensure proper performance.

Cold Water Connection

Connect the cold water supply hose to a threaded 3/4 bsp connector and make sure that it is fastened tightly (see fig.1).

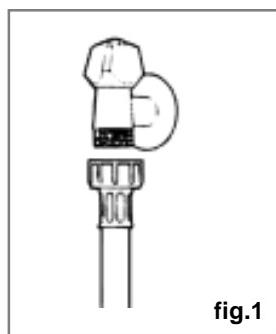
If the water pipes are new or have not been used for an extended period of time, let the water run first, till it is clear and free of impurities. Otherwise the water inlet filter may get blocked.

Hot Water Connection

The appliance can also be connected to the house's hot water supply following the same procedure as for the cold water connection.

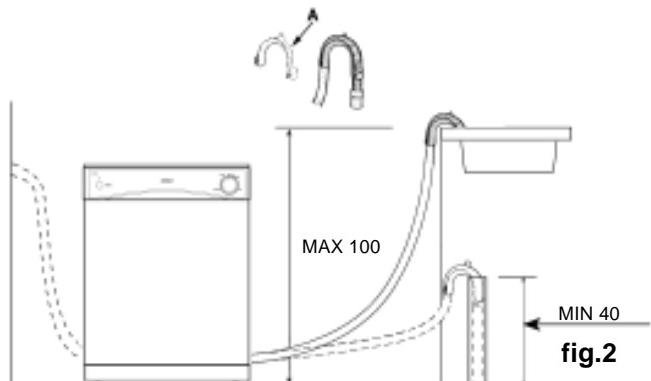
This will reduce the wash cycle time by about 15 minutes and the wash efficiency will be slightly reduced.

DO NOT CONNECT TO A PUSH THROUGH HOT WATER SYSTEM OR ONE THAT EXCEEDS A TEMPERATURE OF 60°C.



Drain Hose Connection

Insert the drain hose into a drain pipe with a minimum diameter of 40mm, or let it run into the sink. Use the plastic support that comes with the appliance (see fig.2) and ensure there are no tight bends or kinks. The free end of the hose must be at a height between 40 and 100 cm and must not be immersed in water.



Attention:

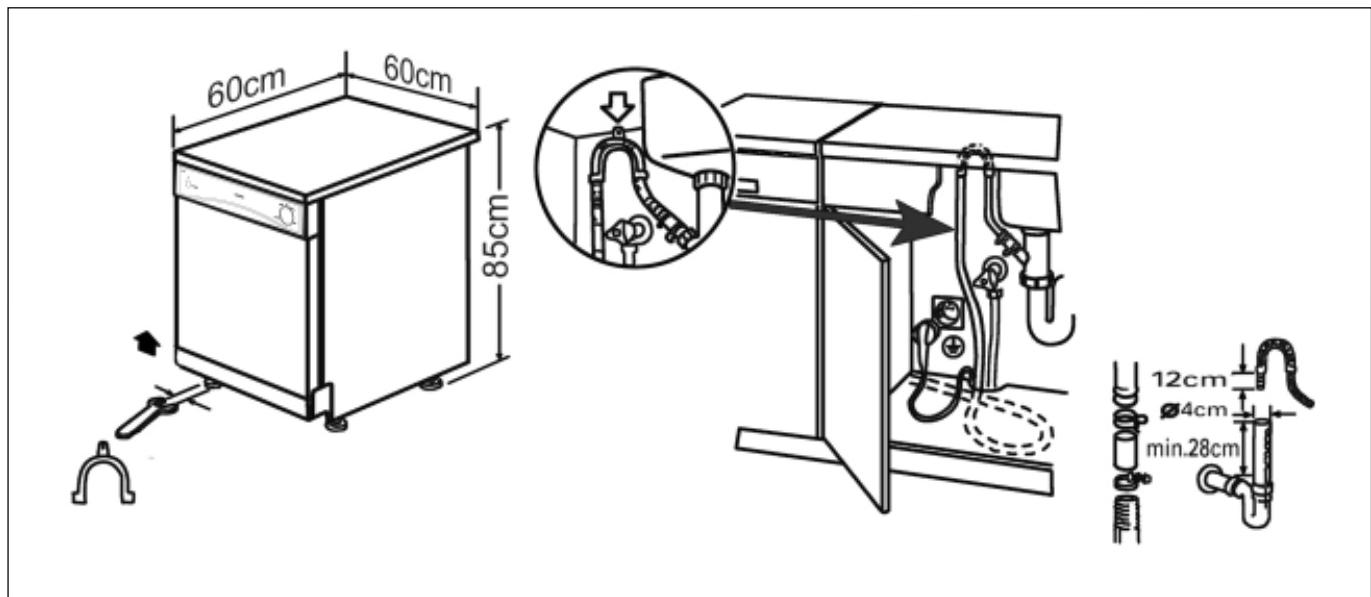
The plastic hose support must be fastened to the wall to prevent the drain hose from moving.

Electrical Connection

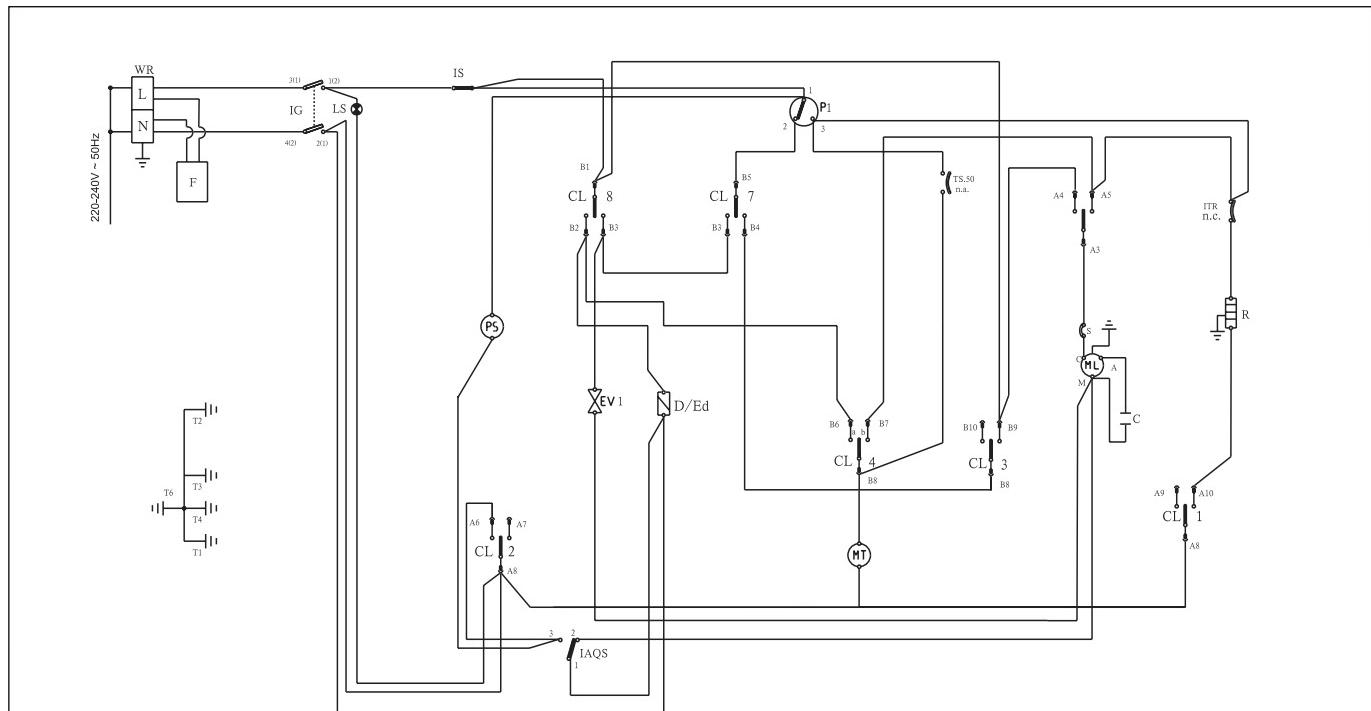
After making sure that the voltage and frequency in the home correspond to those on the rating plate of the appliance (located on the side of the stainless steel inner door) and that the electrical system can cope with the maximum voltage on the rating plate, insert the plug into an earthed electrical socket.

DO NOT USE ADAPTORS OR EXTENSION LEADS.

Installation



Diagram



WR: Wiring box IG: Power switch IS: Door switch P1: Water level switch LS: Power indicator

PS: Drain pump EV1: Inlet valve D-Ed: Dispenser TS.50: 50°C Thermostat

ITR: Overheat thermostat R: Heater ML: Washing motor MT: Timer motor IAQS: overflow switch